

## Author Index

- Aimoto, M., see Kondo, H. 293  
 Aizawa, M., see Kim, E.J. 225  
 Aizawa, M., see Zhang, C. 165  
 Allard, B., see Reuther, R. 259  
 Almeida, A.A.N., see Soares, H.M.V.M. 325  
 Anderegg, G.  
   Polynuclear complexes of the edta analogues 345  
 Audus, K.L., see Rose, M.J. 299
- Barwick, V.J.  
   —, Ellison, S.L.R. and Fairman, B.  
     Estimation of uncertainties in ICP-MS analysis: a practical methodology 281
- Bell, S.  
   —, Nazarov, E., Wang, Y.F. and Eiceman, G.A.  
     Classification of ion mobility spectra by functional groups using neural networks 121
- BelliHernández-Ayón, S.L., see Hernández-Ayón, J.M. 101
- Bergmann, W.  
   —, Rudolph, R. and Spohn, U.  
     A bienzyme modified carbon paste electrode for amperometric detection of pyruvate 233
- Campos, L., see Morales, M.M. 109
- Carlson, R.G., see Rose, M.J. 299
- Chee, G.-J.  
   —, Nomura, Y., Ikebukuro, K. and Karube, I.  
     Development of highly sensitive BOD sensor and its evaluation using preozonation 65
- Chen, H.-W.  
   — and Fang, Z.-L.  
     Combination of flow injection with capillary electrophoresis. Part 5. Automated preconcentration and determination of pseudoephedrine in human plasma 13
- Chen, H.-Y., see Zhao, G.-C. 337
- Chen, X., see Song, W. 73
- Chiba, K., see Kondo, H. 293
- Conde, P.C.F.L., see Soares, H.M.V.M. 325
- Dasgupta, P.K.  
   — and Kar, S.  
     Effects of separation potential, hydrostatic pressure and auxiliary electroosmotic pumping on a suppressed conductometric capillary electrophoresis separation system 1
- de Goeij, J.J.M., see Harms, A.V. 271
- Deguin, A., see Rivasseau, C. 243
- Eiceman, G.A., see Bell, S. 121
- Ellison, S.L.R., see Barwick, V.J. 281
- Fairman, B., see Barwick, V.J. 281
- Fang, Y., see Wang, A. 309
- Fang, Z.-L., see Chen, H.-W. 13
- Fernández de Córdova, M.L., see Ruiz Medina, A. 149
- Filanovsky, B.  
   Electrochemical response of new carbon electrodes bulk modified with cobalt phthalocyanine to some thiols in the presence of heptane or human urine 91
- Fuster Mestre, Y.  
   —, Lahuerta Zamora, L. and Martínez Calatayud, J.  
     Direct flow injection chemiluminescence determination of salicylamide 159
- Görlach, E., see Richmond, R. 33
- Gong, B.  
   — and Gong, G.  
     Fluorimetric method for the determination of thiocyanate with 2',7'-dichlorofluorescein and iodine 171
- Gong, G., see Gong, B. 171
- Gooding, J.J., see Situmorang, M. 211
- Harms, A.V.  
   —, van Elteren, J.T., Wolterbeek, H.T. and de Goeij, J.J.M.  
     A dual radiotracer speciation technique with emphasis on probing of artefacts: a case study for technetium and spinach (*Spinacia oleracea* L.) 271
- Haruyama, T., see Kim, E.J. 225
- He, X., see Zhou, J. 353
- Heiman, A.  
   — and Licht, S.  
     Fundamental baseline variations in aqueous near-infrared analysis 135
- Hennion, M.-C., see Rivasseau, C. 243
- Hernández-Ayón, J.M.  
   —, BelliHernández-Ayón, S.L. and Zirino, A.  
     pH, alkalinity and total CO<sub>2</sub> in coastal seawater by potentiometric titration with a difference derivative readout 101
- Hibbert, D.B., see Situmorang, M. 211
- Ikebukuro, K., see Chee, G.-J. 65

- Jaeger, L., see Reuther, R. 259  
Jaskula, M., see Sulka, G.D. 185  
Jiang, Y., see Song, W. 73
- Kar, S., see Dasgupta, P.K. 1  
Karube, I., see Chee, G.-J. 65  
Kawashima, T., see Tomiyasu, T. 55  
Kim, E.J.  
—, Haruyama, T., Yanagida, Y., Kobatake, E. and Aizawa, M.  
Disposable creatinine sensor based on thick-film hydrogen peroxide electrode system 225  
Kim, N., see Park, I.-S. 201  
Kobatake, E., see Kim, E.J. 225  
Komatsu, Y., see Tsurubou, S. 317  
Kondo, H.  
—, Aimoto, M., Ono, A. and Chiba, K.  
Rapid determination of sulfur in steel by electrolytic dissolution – inductively coupled plasma atomic emission spectrometry 293
- Lahuerta Zamora, L., see Fuster Mestre, Y. 159  
Li, D.-H., see Zhu, Q.-Z. 177  
Li, Y., see Zhou, J. 353  
Licht, S., see Heiman, A. 135  
Liu, Y., see Song, W. 73  
Llopis, A., see Morales, M.M. 109
- Collinson, M.M., see Makote, R. 195  
Lunte, S.M., see Rose, M.J. 299  
Makote, R.  
— and M. Collinson, M.  
Organically modified silicate films for stable pH sensors 195  
Martí, P., see Morales, M.M. 109  
Martínez Calatayud, J., see Fuster Mestre, Y. 159  
Molina Díaz, A., see Ruiz Medina, A. 149  
Morales, M.M.  
—, Martí, P., Llopis, A., Campos, L. and Sagrado, S.  
An environmental study by factor analysis of surface seawaters in the Gulf of Valencia (Western Mediterranean) 109
- Nazarov, E., see Bell, S. 121  
Nomura, Y., see Chee, G.-J. 65
- Ohashi, A.  
—, Tsukahara, S. and Watarai, H.  
Isomer recognizing adsorption of palladium(II)-2-(5-bromo-2-pyridylazo)-5-diethylaminophenol with diazine derivatives at the toluene–water interface 23  
Ono, A., see Kondo, H. 293
- Park, I.-S.  
—, Kim, N.  
Simultaneous determination of hypoxanthine, inosine and inosine 5'-monophosphate with serially connected three enzyme reactors 201  
Persaud, K.C., see Wareham, P.D. 43  
Racaud, P., see Rivasseau, C. 243  
Reuther, R.  
—, Jaeger, L. and Allard, B.  
Determination of organometallic forms of mercury, tin and lead by in situ derivatization, trapping and gas chromatography – atomic emission detection 259
- Richmond, R.  
— and Görlach, E.  
Sorting measurement queues to speed up the flow injection analysis mass spectrometry of combinatorial chemistry syntheses 33
- Rivasseau, C.  
—, Racaud, P., Deguin, A. and Hennion, M.-C.  
Development of a bioanalytical phosphatase inhibition test for the monitoring of microcystins in environmental water samples 243
- Rose, J.M., see Rose, M.J. 299  
Rose, M.J.  
—, Rose, J.M., M. Lunte, S., Audus, K.L., Carlson, R.G. and Stobaugh, J.F.  
Determination of angiotensin II in blood–brain barrier permeability studies using microbore LC with *p*-nitrophenyl-2,5-dihydroxyphenylacetate bis-tetrahydropyranyl ether as a pre-separation electrochemical labeling reagent 299
- Rudolph, R., see Bergmann, W. 233  
Ruiz Medina, A.  
—, Fernández de Córdova, M.L. and Molina Díaz, A.  
A very simple resolution of the mixture paracetamol and salicylamide by flow injection–solid phase spectrophotometry 149
- Sagrado, S., see Morales, M.M. 109  
Sander, S.  
Simultaneous adsorptive stripping voltammetric determination of molybdenum(VI), uranium(VI), vanadium(V), and antimony(III) 81
- Situmorang, M.  
—, Gooding, J.J. and Hibbert, D.B.  
Immobilisation of enzyme throughout a polytyramine matrix: a versatile procedure for fabricating biosensors 211
- Soares, H.M.V.M.  
—, Conde, P.C.F.L., Almeida, A.A.N. and Vasconcelos, M.T.S.D.  
Evaluation of *n*-substituted aminosulfonic acid pH buffers with a morpholinic ring for cadmium and lead speciation studies by electroanalytical techniques 325
- Song, W.  
—, Chen, X., Jiang, Y., Liu, Y., Sun, C. and Wang, X.  
Fabrication of a chemically modified electrode containing 12-molybdophosphoric acid by the sol–gel technique and its application as an amperometric detector for iodate 73
- Spohn, U., see Bergmann, W. 233  
Stobaugh, J.F., see Rose, M.J. 299  
Sulka, G.D.  
— and Jaskula, M.  
Kinetics based determination of trace amounts of silver at the excess of copper ions 185
- Sun, C., see Song, W. 73
- Teshima, N., see Tomiyasu, T. 55

- Tomiyasu, T.  
—, Yonehara, N., Teshima, N. and Kawashima, T.  
Kinetic method for the determination of iron(II, III) by its catalytic effect on the oxidation of 3-methyl-2-benzothiazolone hydrazone with hydrogen peroxide 55
- Tsukahara, S., see Ohashi, A. 23
- Tsurubou, S.  
—, Umetani, S. and Komatsu, Y.  
Quantitative extraction separation systems of alkali and alkaline earth metal ions using cryptands as ion-size selective masking reagents 317
- Umetani, S., see Tsurubou, S. 317
- van Elteren, J.T., see Harms, A.V. 271
- Vasconcelos, M.T.S.D., see Soares, H.M.V.M. 325
- Wang, A.  
—, Zhang, L. and Fang, Y.  
Determination and separation of chloramphenicol and its hydrolysis in eye-drops by capillary zone electrophoresis with amperometric detection 309
- Wang, X., see Song, W. 73
- Wang, Y.F., see Bell, S. 121
- Wareham, P.D.  
— and Persaud, K.C.  
On-line analysis of sample atmospheres using membrane inlet mass spectrometry as a method of monitoring vegetable respiration rate 43
- Watarai, H., see Ohashi, A. 23
- Wei, W.Z., see Yang, X.R. 119
- Wolterbeek, H.T., see Harms, A.V. 271
- Xu, J.-G., see Zhu, Q.-Z. 177
- Yanagida, Y., see Kim, E.J. 225
- Yang, H.-H., see Zhu, Q.-Z. 177
- Yang, X.R.  
—, Wei, W.Z. and Yao, S.Z.  
Erratum to "Determination of components in biological media by ion chromatography with series bulk acoustic wave detection" [*Analytica Chimica Acta* 378 (1999) 95–100] 119
- Yao, S.Z., see Yang, X.R. 119
- Yonehara, N., see Tomiyasu, T. 55
- Zhang, C.  
—, Zhou, G., Zhang, Z. and Aizawa, M.  
Highly sensitive electrochemical luminescence determination of thiamine 165
- Zhang, J.-J., see Zhao, G.-C. 337
- Zhang, L., see Wang, A. 309
- Zhang, Z., see Zhang, C. 165
- Zhao, G.-C.  
—, Zhu, J.-J., Zhang, J.-J. and Chen, H.-Y.  
Voltammetric studies of the interaction of methylene blue with DNA by means of  $\beta$ -cyclodextrin 337
- Zhou, G., see Zhang, C. 165
- Zhou, J.  
—, He, X. and Li, Y.  
Binding study on 5,5-diphenylhydantoin imprinted polymer constructed by utilizing an amide functional group 353
- Zhu, J.-J., see Zhao, G.-C. 337
- Zhu, Q.-Z.  
—, Yang, H.-H., Li, D.-H. and Xu, J.-G.  
Determination of nucleic acids using phosphin 3R as a fluorescence probe 177
- Zirino, A., see Hernández-Ayón, J.M. 101